



## SHELTER TECHNOLOGY, ENGINEERING AND FABRICATION DIRECTORATE (STefd)

The Shelter Technology, Engineering & Fabrication Directorate (STefd) provides shelter systems for today's Warfighter in various types of environments. The focus is on providing several shelter systems, which satisfy an abundance of purposes in conflict situations. STefd works with the PM Force Sustainment Systems Office as well as external customers for the development and fielding of shelter systems.

### TECHNOLOGY, ENGINEERING & FABRICATION:

STefd conducts basic and applied research and technology development and demonstration as well as engineering support, dealing with soft, hybrid, and rigid wall mobile/tactical shelters, including tactical command post systems, CB protected mobile shelter systems, and camouflage concealment and detection technology for mobile shelters.

- **Composite Structures Team** designs, engineers, and fabricates rigid and semi-rigid wall shelter systems for unique customer applications.
- **The Fabric Structures Team** develops technology to advance the state-of-the-art in soft-wall shelters to include chemical, biological, radiological, nuclear (CBRN) collective protection, flexible photovoltaics, high efficiency insulation, flexible lighting and ballistic protection.
- **Collective Protection Systems Team** provides survivable, mobile shelter systems, including both soft wall and rigid wall shelters to Military and Government customers. These systems are survivable against chemical, biological, radiological particles, and other threats. In addition, Collective Protection Systems develops new and improved existing shelters and shelter components, while integrating, testing, and fielding shelter systems.
- **The Center of Excellence for Inflatable Composite Structures (CE-ICS)** manages a textile technology process that are three dimensional, lightweight, load bearing members created when high strength fibers are formed into tubular structures that take predetermined shapes when filled with high pressure air or fluids.
- **The Design Engineering and Fabrication Team (DEFT)** is a full service Fabrication, Mechanical Prototype, and Integration facility that meets the needs of both R&D prototype customers and those who require fabrication and production.
- **Joint Committee on Tactical Shelters (JOCOTAS)** prevents the duplication of tactical shelter research and development. JOCOTAS eliminates the proliferation of non-standard tactical shelters in the DoD inventory and maximizes the usage of DoD Standard Family of Tactical Shelters.



### POINT OF CONTACT:

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